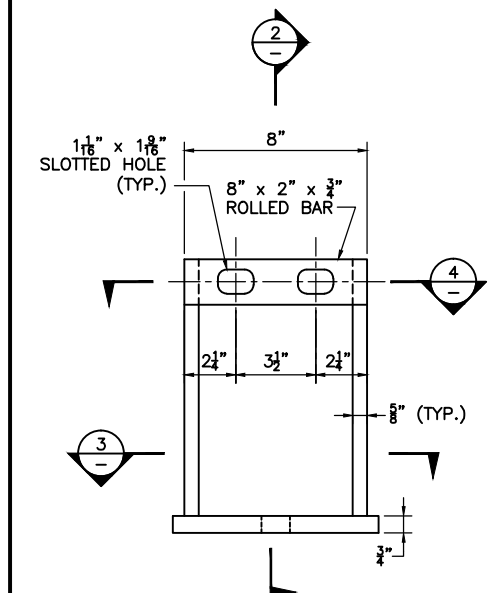
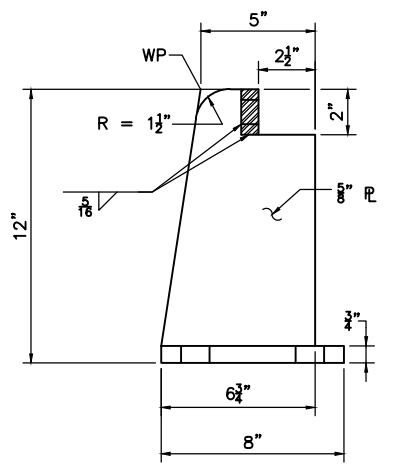


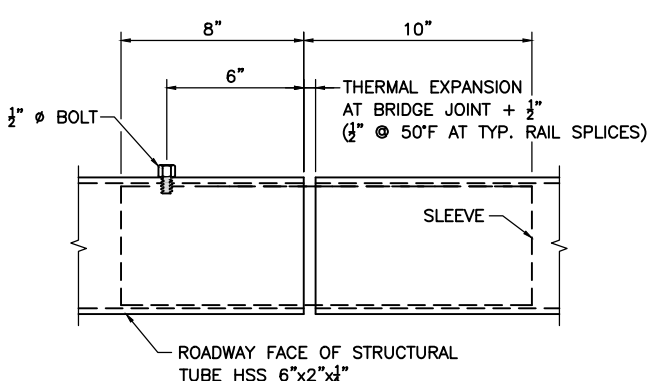
ELEVATION
SCALE: 1" = 1'-0"



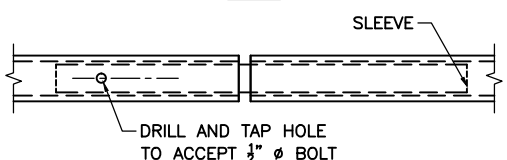
ELEVATION



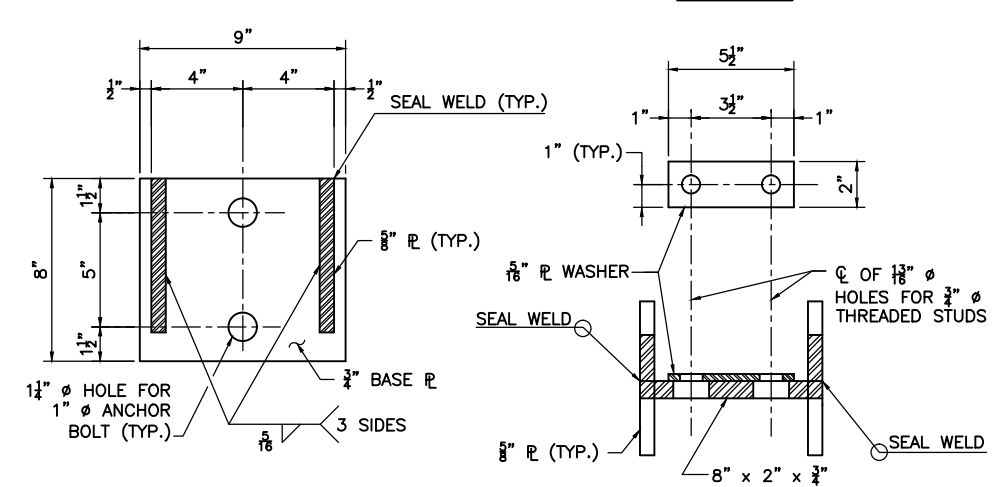
SECTION 2



PLAN



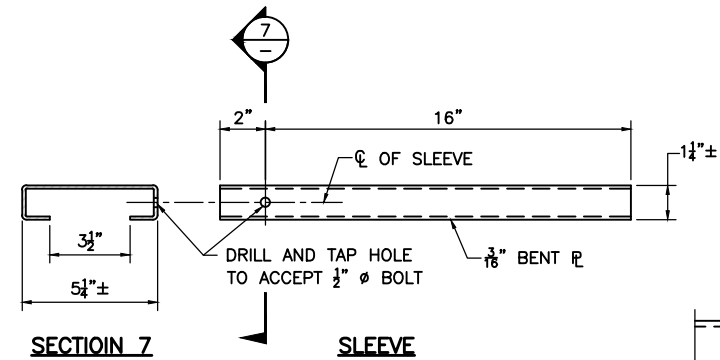
REAR ELEVATION



SECTION 3

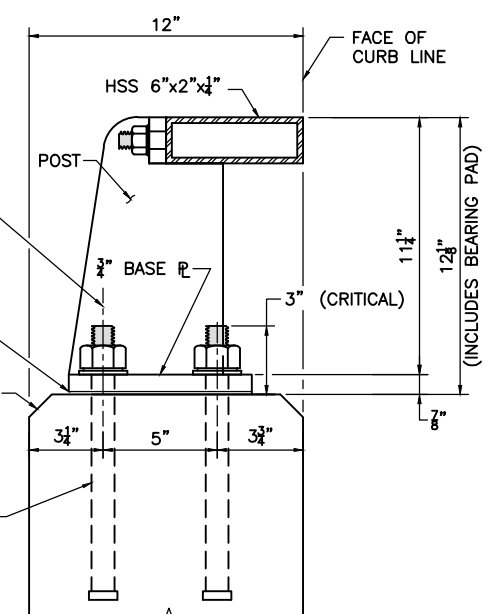
RAIL POST DETAILS
SCALE: 3" = 1'-0"

SECTION 4

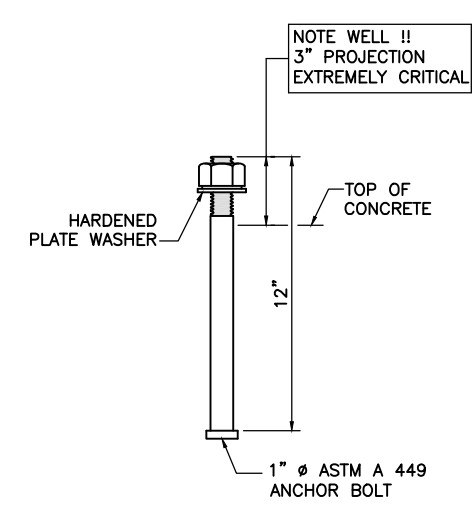


SECTION 7

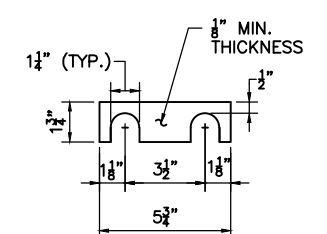
TYPICAL SPLICE DETAILS
SCALE: 3" = 1'-0"



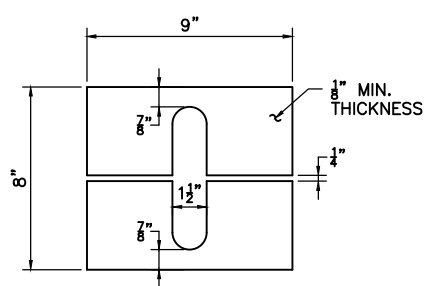
SECTION 1
SCALE: 3" = 1'-0"



ANCHOR BOLT
SCALE: 3" = 1'-0"

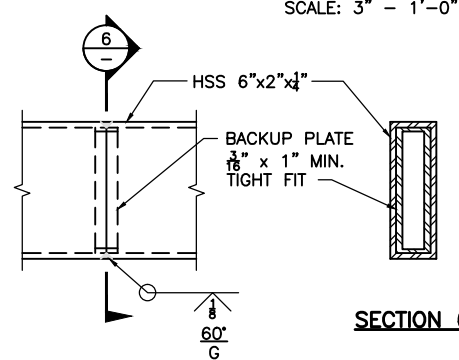


RAILING SHIM DETAIL
SCALE: 3" = 1'-0"



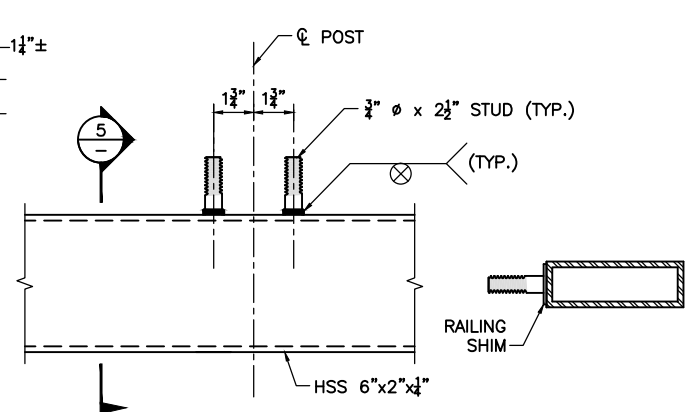
NOTE:
BEVEL SHIM AS REQUIRED TO ENSURE POSTS ARE ERECTED PLUMB.

POST SHIM DETAIL
SCALE: 3" = 1'-0"



SECTION 6

TUBE-WELDED SPLICE
SCALE: 3" = 1'-0"



SECTION 5

STUD DETAIL
SCALE: 3" = 1'-0"

BR-2 BRIDGE RAILING

MONTH DD, YYYY	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

FINISH:

POSTS, RAILS, BASE PLATES, AND SPLICE TUBES SHALL RECEIVE XXXXXX FINISH.

MATERIALS:

STRUCTURAL STEEL TUBING _____ ASTM A 500 GRADE B GALVANIZED
 POST AND BASE PLATE _____ AASHTO M 270 GRADE 36 GALVANIZED
 ANCHOR BOLTS _____ ASTM A 449 GALVANIZED
 NUTS, BOLTS, AND WASHER _____ ASTM A 325 GALVANIZED
 STUD _____ ASTM A 108

GENERAL NOTES:

- RAILS SHALL BE CONTINUOUS OVER A MINIMUM OF FOUR POSTS, IF POSSIBLE. IF NEEDED, HSS 6"x2"x4" RAILS MAY BE CONNECTED IN THE SHOP BY USING THE TUBE-WELDED SPLICES, AS SHOWN IN THE PROVIDED DETAIL.
- RAILS SHALL HAVE A TUBE SPLICE IN THE PANEL OVER A BRIDGE EXPANSION JOINT.
- ANCHOR BOLTS SHALL BE SET WITH TEMPLATES. THE NUT SECURING THE POST BASE PLATE TO THE CONCRETE SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL 1/8 TURN AFTER STEEL IS IN PLACE.
- ALL POSTS TO BE PLUMB WHEN PROFILE GRADE EXCEEDS 1.5%. FOR PROFILE GRADES LESS THAN 1.5%, POSTS SHALL BE SET PERPENDICULAR TO GRADE.
- WELDING SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AASHTO/AWS D.1.5, EXCEPT THAT WELDING OF THE TUBE-WELDED SPLICE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWS D.1.1.